



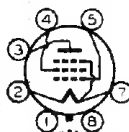
1A5-GT/1A5-G

1A5-GT



# POWER AMPLIFIER PENTODE

Filament	Coated	
Voltage	1.4	d-c volts
Current	0.05	amp.
Maximum Overall Length		3-5/16"
Maximum Seated Height		2-3/4"
Maximum Diameter		1-5/16"
Bulb		T-9
Base	Intermediate Shell Octal 7-Pin	
Pin 1 - No Connection		Pin 5 - Grid
Pin 2 - Filament +		Pin 7 - Filament -
Pin 3 - Plate		Pin 8 - No Connection
Pin 4 - Screen		
Mounting Position		Any



BOTTOM VIEW (G-6X)

## AMPLIFIER

Plate Voltage	110 max.	volts
Screen Voltage	110 max.	volts
Total Zero-Sig. Cathode Current	6 max.	ma.
<i>Typical Operation and Characteristics - Class A<sub>1</sub> Amplifier:</i>		
Plate	85	90 volts
Screen	85	90 volts
Grid *	-4.5	-4.5 volts
Peak A-F Grid Volt.	4.5	4.5 volts
Zero-Sig. Plate Cur.	3.5	4.0 ma.
Max.-Sig. Plate Cur.	3.5	4.0 ma.
Zero-Sig. Screen Cur.	0.7	0.8 ma.
Max.-Sig. Screen Cur.	1.0	1.1 ma.
Plate Res.	0.3	0.3 approx. ohms
Transcond.	800	850 $\mu$ mhos
Load Res.	25000	25000 ohms
Total Harmonic Dist.	10	7 %
Max.-Sig. Power Output	100	115 mw

\* Self-bias is recommended so that grid bias will be proportionately less as the B-supply voltage falls off during battery life.

May 1, 1941

RCA RADIONRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

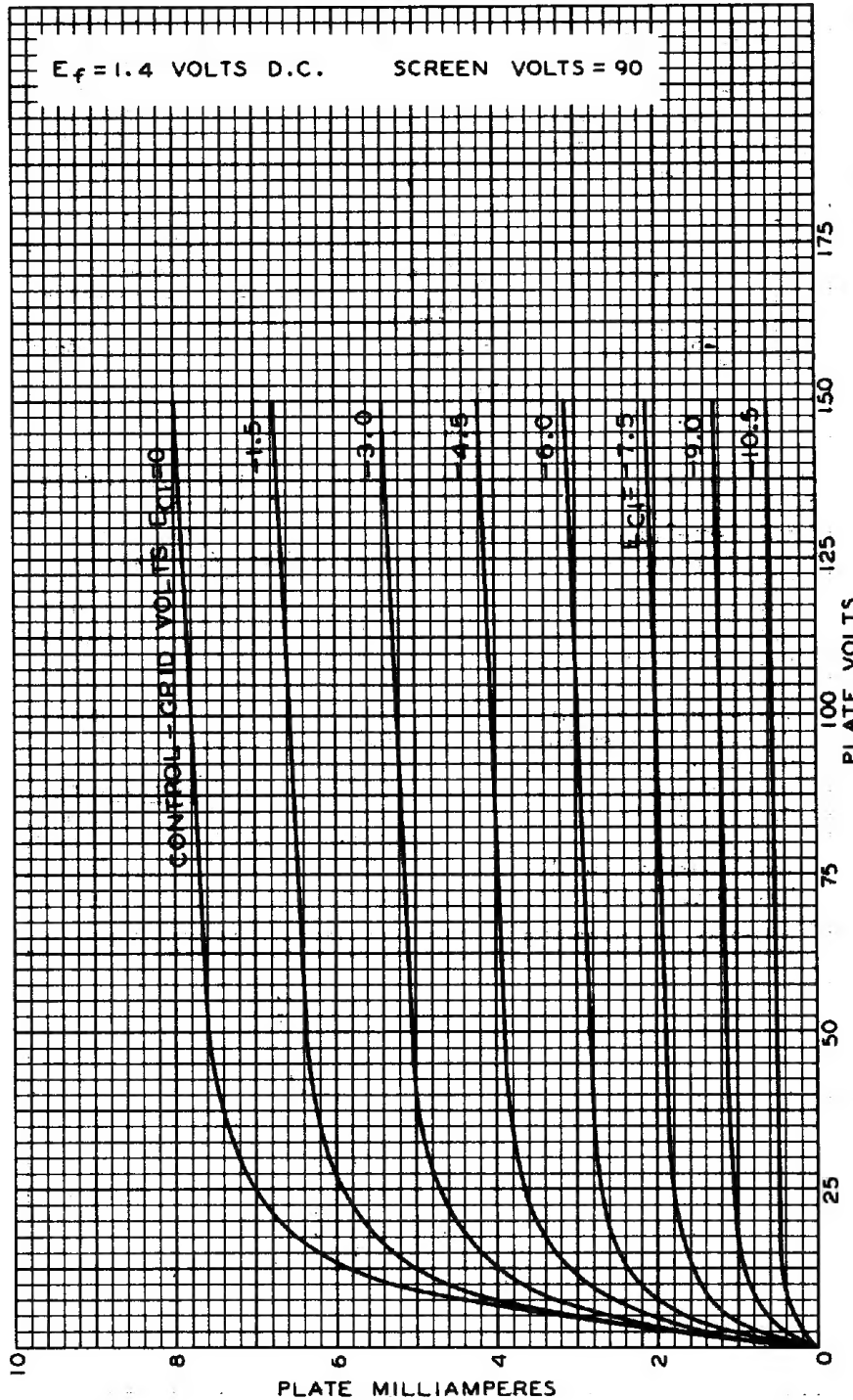
TENTATIVE DATA

1A5-GT



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# AVERAGE PLATE CHARACTERISTICS



NOV. 10, 1938

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92C-4998